

## Retarder

### Technical Data Sheet (TDS)

#### Product Description

Retarder is an additive for use in high temperature, high humidity conditions. Retarder slows the reaction between component A and component B of Endura Polyurethane Topcoats.

#### Product features:

- Helps prevent solvent popping
- Helps to extend wet film time
- Helps achieve dry spray acceptance

#### Recommended Uses

Retarder is for use when temperatures are above 75°F (24°C), high humidity periods when the RH is above 85% and/or windy conditions.

Retarder is suitable for use in the following Endura Topcoats:

- EX-2C Topcoat
- EX-2C Low VOC Topcoat
- EX-2C C.C. Topcoat
- EX-2C T2FK Topcoat
- EX-2C T2FK Low VOC Topcoat
- EX-2C Clear 100
- EX-2C Clear 221
- EX-2C Midcoat Clear 100
- EX-2C Clear 116 MG
- EX-2C Clear 117 LG
- EX-2C Clear 118 NG
- Clarity Clear
- Excel D2M & D2M HS
- G90 Low VOC Topcoat
- UltraFlex Topcoat
- UltraFlex Low VOC Topcoat
- Kappa Clear Fast & Slow
- Polyglass Edge

**Retarder is not intended for use with any other products.**

#### Product Characteristics

<b>Specific Gravity:</b> (77°F (25°C) and 50% RH)	1.221
<b>Shelf Life:</b>	
<b>Retarder</b>	3 years
<b>For unopened product (77°F (25°C))</b>	

#### Mixing Ratio

The following mixing ratio applies to all of the Endura polyurethane topcoats listed:

<b>Retarder</b>	<b>0.70 - 1.70 Fluid oz. (20 - 50 ml)</b>
<b>INTO</b>	
<b>Endura Topcoat</b>	<b>1 mixed Quart (946 ml)</b>
Retarder must only be added in the recommended ratios to the mixed product.	

Excessive or improper use of Retarder may cause coating issues including, but not limited to:

- Slow cure
- Delamination

#### Dry Times

The use of Retarder will increase the topcoat recoat window.

**Note: The recoat window is subject to ambient conditions (temperature and humidity) and good airflow and film build of the topcoat.**

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#### Ordering Information (sizing)

Available in Pint, Quart and Gallon Bottles  
Other custom sizes may be available.

<b>Pint (473 ml)</b>	
Retarder	FAD0060-010

<b>Quart (946 ml)</b>	
Retarder	FAD0060-020

<b>Gallon (3.78 L)</b>	
Retarder	FAD0060-030

#### Safety Precautions

Please refer to all Safety Data Sheets (SDS) before using this product. SDS sheets can be found on our website at [www.endurapaint.com](http://www.endurapaint.com).